

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/008920

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N1/20 C12N1/21 C12Q1/02 C12Q1/68 A61K35/74  
C02F3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C12R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>ROBINSON D H: "Pleomorphic mammalian tumor-derived bacteria self-organize as multicellular mammalian eukaryotic-like organisms: morphogenetic properties in vitro, possible origins, and possible roles in mammalian 'tumor ecologies'" MEDICAL HYPOTHESES, EDEN PRESS, PENRITH, US, vol. 64, no. 1, 2005, pages 177-185, XP004729060 ISSN: 0306-9877 the whole document</p> <p style="text-align: center;">----- -/--</p>	1-38

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

28 July 2005

Date of mailing of the international search report

16/08/2005

Name and mailing address of the ISA

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Huse, I

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WAINWRIGHT M: "Highly pleomorphic staphylococci as a cause of cancer." MEDICAL HYPOTHESES. JAN 2000, vol. 54, no. 1, January 2000 (2000-01), pages 91-94, XP002335514 ISSN: 0306-9877	1-6
Y	the whole document	7-38
X	WAINWRIGHT MILTON ET AL: "Is this the historical 'cancer germ'?" MEDICAL HYPOTHESES. FEB 2003, vol. 60, no. 2, February 2003 (2003-02), pages 290-292, XP002335515 ISSN: 0306-9877	1-6
Y	the whole document	7-38
X	MACOMBER P B: "Cancer and cell wall deficient bacteria." MEDICAL HYPOTHESES. MAY 1990, vol. 32, no. 1, May 1990 (1990-05), pages 1-9, XP008049529 ISSN: 0306-9877	1-6
Y	the whole document	7-38
X	BACKUS B T ET AL: "Tumor-associated bacteria capable of producing a human choriogonadotropin-like substance." INFECTION AND IMMUNITY. JUN 1981, vol. 32, no. 3, June 1981 (1981-06), pages 1211-1215, XP002335516 ISSN: 0019-9567	1-6
Y	abstract table 1 page 1212, left-hand column, paragraphs 1,2 page 1214, right-hand column, paragraph 2	7-38
Y	WO 98/13472 A (ROBINSON, DOUGLAS, H) 2 April 1998 (1998-04-02) the whole document	7-38

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 19 and 36-38 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition. The same comment also applies to claims 30-34 relating to a diagnostic method practised on the human/animal body.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/008920

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9813472	A	02-04-1998	US	6022730 A	08-02-2000
			AU	4584397 A	17-04-1998
			CA	2266905 A1	02-04-1998
			EP	0950089 A1	20-10-1999
			JP	2001501094 T	30-01-2001
			WO	9813472 A1	02-04-1998
			US	2001018214 A1	30-08-2001
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